

Title (en)

Spiro [1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine for use in the treatment of psychotic and intellectual impairment disorders

Title (de)

Spiro [1-azabicyclo[2.2.2]octan-3,2'(3'H)-furo[2,3-b]pyridin zur Verwendung in der Behandlung von psychotischen und intellektuellen Störungen

Title (fr)

Spiro [1-azabicyclo[2.2.2]octane-3,2'(3'H)-furo[2,3-b]pyridine pour le traitement des troubles psychotiques et intellectuels

Publication

EP 1213291 B1 20041201 (EN)

Application

EP 02005982 A 19980710

Priority

- EP 98934078 A 19980710
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Abstract (en)

[origin: WO9903859A1] A compound of formula (I) wherein n is 0 or 1; m is 0 or 1; p is 0 or 1; X is oxygen or sulfur; Y is CH, N or NO; W is oxygen, H₂ or F₂; A is N or C(R<2>); G is N or C(R<3>); D is N or C(R<4>); with the proviso that no more than one of A, G, and D is nitrogen, but at least one of Y, A, G, and D is nitrogen or NO; R<1> is hydrogen or C1 to C4 alkyl; R<2>, R<3>, and R<4> are independently hydrogen, halogen, C1-C4 alkyl, C2-C4 alkenyl, C2-C4 alkynyl, aryl, heteroaryl, OH, OC1-C4 alkyl, CO₂R<1>, -CN, -NO₂, -NR<5>R<6>, -CF₃, -OSO₂CF₃ or R<2> and R<3>, or R<3> and R<4>, respectively, may together form another six membered aromatic or heteroaromatic ring sharing A and G, or G and D, respectively, containing between zero and two nitrogen atoms, and substituted with one to two of the following substituents: independently hydrogen, halogen, C1-C4 alkyl, C2-C4 alkenyl, C2-C4 alkynyl, aryl, heteroaryl, OH, OC1-C4 alkyl, CO₂R<1>, -CN, -NO₂, -NR<5>R<6>, -CF₃, -OSO₂CF₃; R<5> and R<6> are independently hydrogen, C1-C4 alkyl, C(O)R<7>, C(O)NHR<8>, C(O)OR<9>, SO₂R<10> or may together be (CH₂)_jQ(CH₂)_k where Q is O, S, NR<11>, or a bond; j is 2 to 7, k is 0 to 2; R<7>, R<8>, R<9>, R<10>, and R<11> are independently C1-C4 alkyl, aryl, or heteroaryl, or an enantiomer thereof, and the pharmaceutically acceptable salts thereof, processes for preparing them, composition containing them, and their use in therapy, especially in the treatment or prophylaxis of psychotic disorders and intellectual impairment disorders.

IPC 1-7

C07D 491/22; A61K 31/438; A61P 25/00

IPC 8 full level

A61K 31/395 (2006.01); **A61K 31/435** (2006.01); **C07D 491/22** (2006.01); **A61K 31/4353** (2006.01); **A61K 31/4355** (2006.01); **A61K 31/436** (2006.01); **A61K 31/4365** (2006.01); **A61K 31/438** (2006.01); **A61K 31/439** (2006.01); **A61K 31/44** (2006.01); **A61K 31/444** (2006.01); **A61K 31/4738** (2006.01); **A61K 31/4745** (2006.01); **A61K 31/496** (2006.01); **A61K 31/5377** (2006.01); **A61K 31/695** (2006.01); **A61P 1/00** (2006.01); **A61P 1/04** (2006.01); **A61P 25/00** (2006.01); **A61P 25/04** (2006.01); **A61P 25/14** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **A61P 25/34** (2006.01); **A61P 43/00** (2006.01); **C07D 491/12** (2006.01); **C07D 491/20** (2006.01); **C07D 495/12** (2006.01); **C07D 499/21** (2006.01); **C07F 5/02** (2006.01); **C07F 7/18** (2006.01)

IPC 8 main group level

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CPC (source: EP KR US)

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